

Amendments To The Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A system for bypassing an aneurysm comprising a bypass prosthesis for extending through a portion of an aneurysm said bypass prosthesis comprising an expandable stent having a graft material disposed on a surface of the stent and having a proximal end and distal end each, upon expansion, with lumen openings of a predetermined diameters; and an extension prosthesis comprising an expandable stent having a graft material disposed on a surface of the stent, said stent defining a proximal, medial, and distal zones, said proximal zone having a first diameter upon expansion and said medial zone having a second diameter upon expansion where said first diameter is greater than said second diameter where the proximal zone flares from the medial zone, an open proximal lumen formed in a proximal zone and an open distal lumen formed in the distal zone, where predetermined diameter of said bypass prosthesis upon expansion corresponds to said first diameter of said extension prosthesis so that the proximal zone of the extension prosthesis matingly engages and is overlapped by the distal end of the bypass prosthesis to form fluid tight seal and where said extension prosthesis extends engaged with said bypass prosthesis for extending through another portion of said aneurysm.
2. (Currently Amended) The system of claim 1 wherein the bypass prosthesis comprises a stent having a graft material disposed on a surface of the stent, said stent defining a hollow tube having proximal and distal open ends, said distal end being configured to receive an said proximal zone of the extension prosthesis or portion thereof flares for frictional, non-abrasive engagement with the bypass prosthesis.
3. (Currently Amended) The system of claim 1 2wherein the extension prosthesis comprises a stent having a graft material disposed on a surface of the stent,

~~said stent defining a hollow tube having proximal and distal open ends, the flaring of said proximal end being zone of the extension prosthesis has a length corresponding to length of the overlap with configured to engage the bypass prosthesis or portion thereof.~~

4. (Currently Amended) The system of claim 3 wherein the bypass prosthesis overlaps the proximal end zone of the extension prosthesis by 30-50 mm comprises at least one open hoop.

5. (Currently Amended) The system of claim 4 wherein the bypass stent is focused inwardly to taper and the proximal zone of the stent of the extension prosthesis is focused outwardly and further comprising an the open hoop comprises at least two struts that are unattached on the proximal end.

6. (Original) The system of claim 1 further comprising a sealing prosthesis configured to receive a proximal end of said bypass prosthesis.

7. (Original) The system of claim 6 wherein said sealing prosthesis comprises a stent having a gasket material disposed on a surface of the stent, said stent defining a hollow tube having a distal open end and a covered proximal end, said proximal end of said sealing prosthesis being configured to engage the proximal end of the bypass prosthesis or portion thereof.

8. (Amended herein) The system of claim 4 2 further comprising at least one connector for engaging the bypass prosthesis with the extension prosthesis.

9. (Original) The system of claim 8 wherein said connector comprises a leg having a knobbed tip.

10. (Original) The system of claim 1 further comprising at least one anchor positioned in a distal portion the extension prosthesis.

11. (Original) The system of claim 1 further comprising at least one marker positioned in a distal portion of said bypass prosthesis, and at least one marker positioned in a proximal portion of said extension prosthesis.

12. (Original) The system of claim 11 wherein the distal portion of the bypass prosthesis comprises at least two markers, said markers forming a distinctive pattern.

13. (Original) The system of claim 11 wherein the proximal portion of the extension prosthesis comprises at least two markers, said markers forming a distinctive pattern.

14. (Withdrawn) An extension prosthesis for partially bypassing an aneurysm comprising a stent having a graft material disposed on a surface of the stent, said stent defining a hollow tube having proximal and distal open ends, said distal end comprising at least one anchor for positioning the distal end of the extension prosthesis downstream of said aneurysm.

15. (Withdrawn) A method for treating an aneurysm comprising delivering a bypass prosthesis to a site adjacent to an aneurysm; and delivering and engaging an extension prosthesis with the bypass prosthesis.

16. (Withdrawn) The method of claim 15 wherein engaging an extension prosthesis with the bypass prosthesis comprises establishing a fluid flow path that bypasses the aneurysm.

17. (Withdrawn) A connector assembly for attaching a first prosthesis to a second prosthesis comprising a connector body having at least one tip, said tip being deformable into a knob.

18. (Withdrawn) The connector of claim 17 wherein the connector body is U-shaped and comprises at least two deformable tips.

19. (Withdrawn) A kit for bypassing an aneurysm comprising at least one of the following: a sterile or sterilizable enclosure; a first prosthesis; a first prosthesis in an individual sterile enclosure; a second prosthesis; a second prosthesis in an individual sterile enclosure; a third prosthesis; a third prosthesis in an individual sterile enclosure; at least one suture; at least one staple; a collar or catheter tip assembly configured to engage and deliver a first prosthesis, a second prosthesis, and/or a third prosthesis; and at least one marker configured for placement on a first prosthesis, a second prosthesis, a third prosthesis, and/or portions thereof.